

# COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 47 (11/15/2020- 11/21/2020)

COCONINO COUNTY  
*November 30, 2020*



# Situation Summary

MMWR Week 47 (11/15/2020-11/21/2020)

**A total of 7,036 confirmed COVID-19 cases have been reported among Coconino County residents through week 47.**

**Deaths: 160** (2% of cases)

**Probable Deaths: 5**

**Recovered Cases: 4,986**

(71% of cases)

**Hospitalizations: 753**

(11% of cases)

## Cases Reported Week 47 (November 15 - November 21, 2020):

**540**  
Confirmed  
Cases

**4,380**  
Negative  
Cases

**376.4**  
Rate per  
100,000

**8.0%\***  
Positivity  
Yield

## Community Transmission

- Coconino County has a current **incidence rate of 376.4 per 100,000**, **percent positivity of 8.0%\***, and **COVID-19-Like-Illness incidence (CLI) of 7.1%\*\***.
- Coconino County is currently at a **moderate** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

*\*Percent positivity was calculated using only ELR data due to insufficient reporting.*

*\*\*Incidence rate and percent positivity data are from week 47 (CLI data from week 46 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations*

# COVID-19 Situation Summary\*

## Cumulative Counts (March 15, 2020- November 21, 2020):

**7,036**  
Confirmed  
Cases

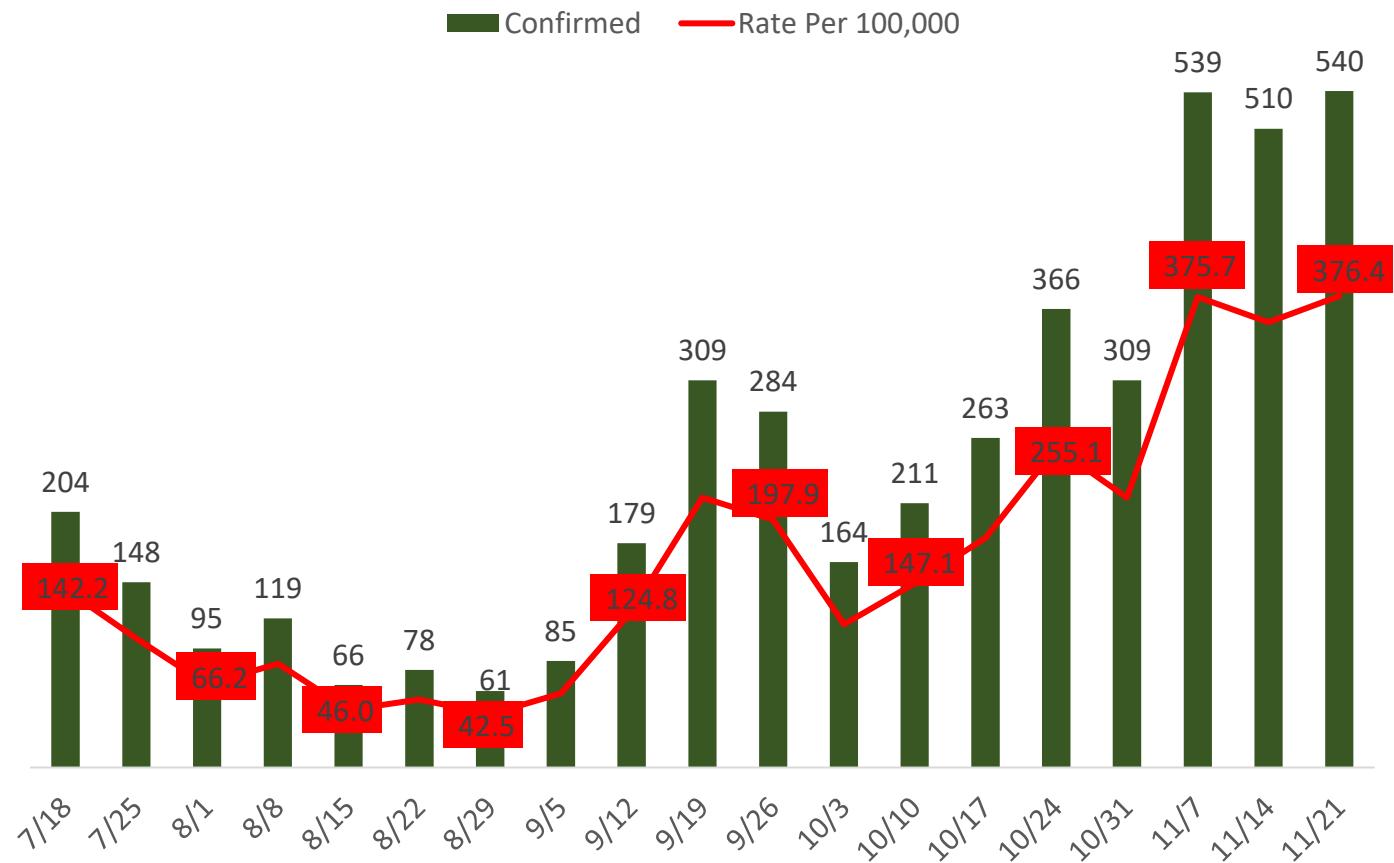
**62,042**  
Negative  
Tests

**69,078**  
Total Tests  
Resulted

**10.2%**  
Positivity  
Yield

**4,904.0 cases per 100,000 Coconino County Residents**  
**vs.**  
**4,432.3 cases per 100,000 Arizona Residents**

## Weekly Case Counts Among Coconino County Residents:



## Age:

Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	1,417	11,468	9.5%	28,362.3	3,504.5
20-44 years	3,554	33,413	8.2%	62,291.2	6,625.7
45-54 years	794	8,150	8.2%	57,213.1	5,573.9
55-64 years	683	8,076	7.1%	48,735.7	4,121.7
65+ years	588	7,968	6.0%	42,871.0	3,163.7

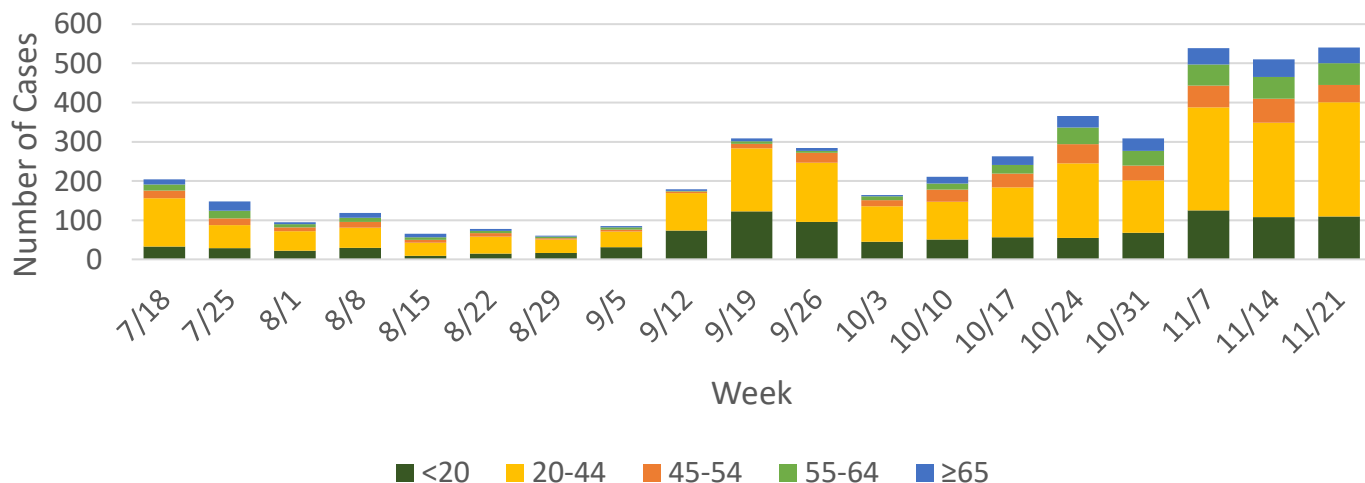
**The median age of Coconino County COVID-19 cases is 29 years old**



### Key Take Away

- The highest **case incidence** for week 47 was observed among residents aged 20-44 an incidence of 542.5 per 100,000.
- The highest **positivity yield** for week 47 was observed among residents aged 55-64, with a positivity yield of 9.1%.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 45% higher than that of 65+ years).

## Age of Confirmed Cases by Week



## Location:

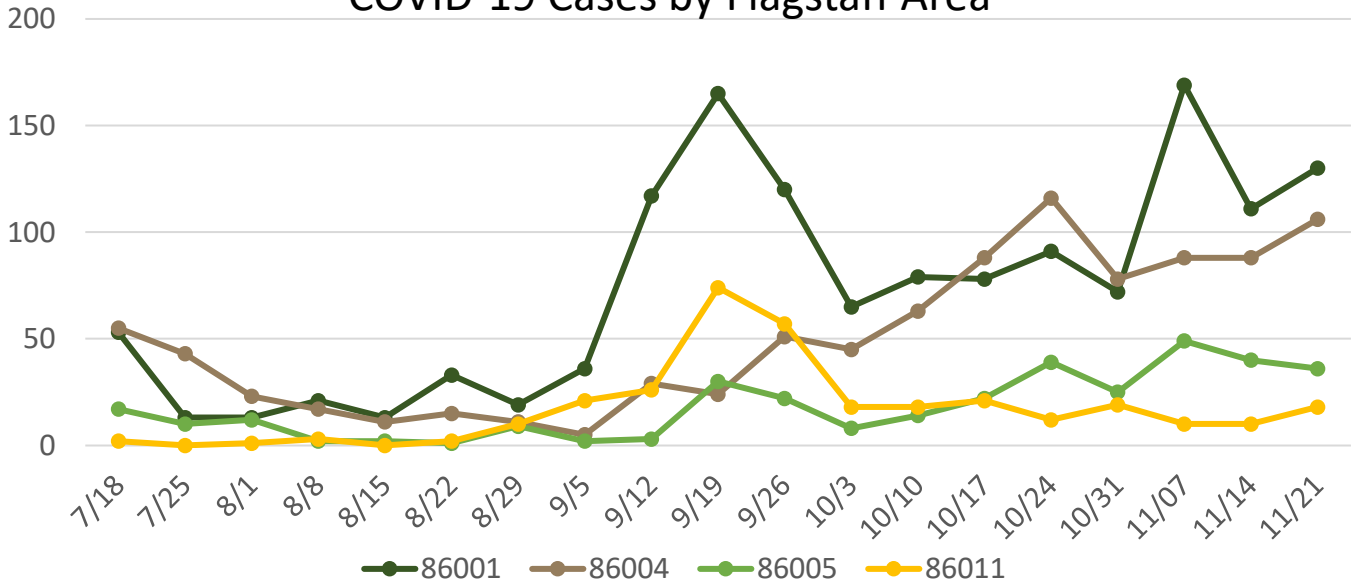
Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	4,125	50,752	6.5%	54,541.0	4,433.0
Page	500	3,720	14.2%	49,291.1	6,625.1
Tribal Communities	2,019	10,229	12.8%	40,121.6	7,919.2
Williams	148	1,778	6.2%	33,763.8	2,810.5
Grand Canyon	76	774	8.7%	31,146.9	3,058.4
Other Areas	168	1,797	5.6%	18,660.4	1,744.5



### Key Take Away

- The highest **increase of cases** in the Flagstaff area from the previous week was observed in 86011 with a 44% increase.
- The highest **decrease of cases** in Other Areas from the previous week was observed in Page with a 20% decrease.
- The highest overall **testing incidence** rate was observed in Flagstaff.

COVID-19 Cases by Flagstaff Area

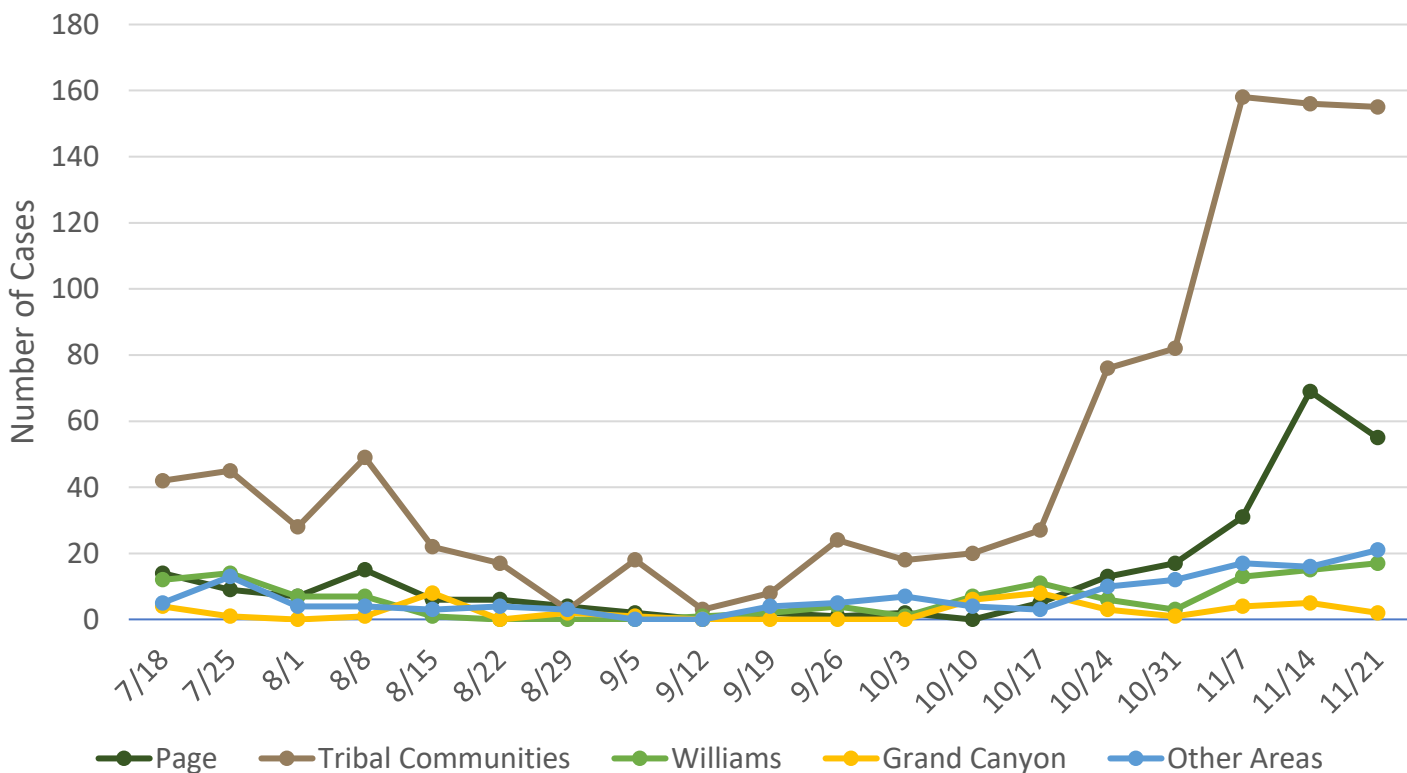


\*Cases reported from 3/15/20-11/21/20

# COVID-19 Situation Summary\*

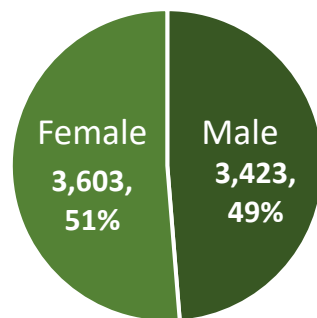
## Location:

### COVID-19 Cases by Other Geographic Area



## Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	3,603	37,581	7.4%	4,973.8
Male	3,423	31,234	8.0%	4,818.7

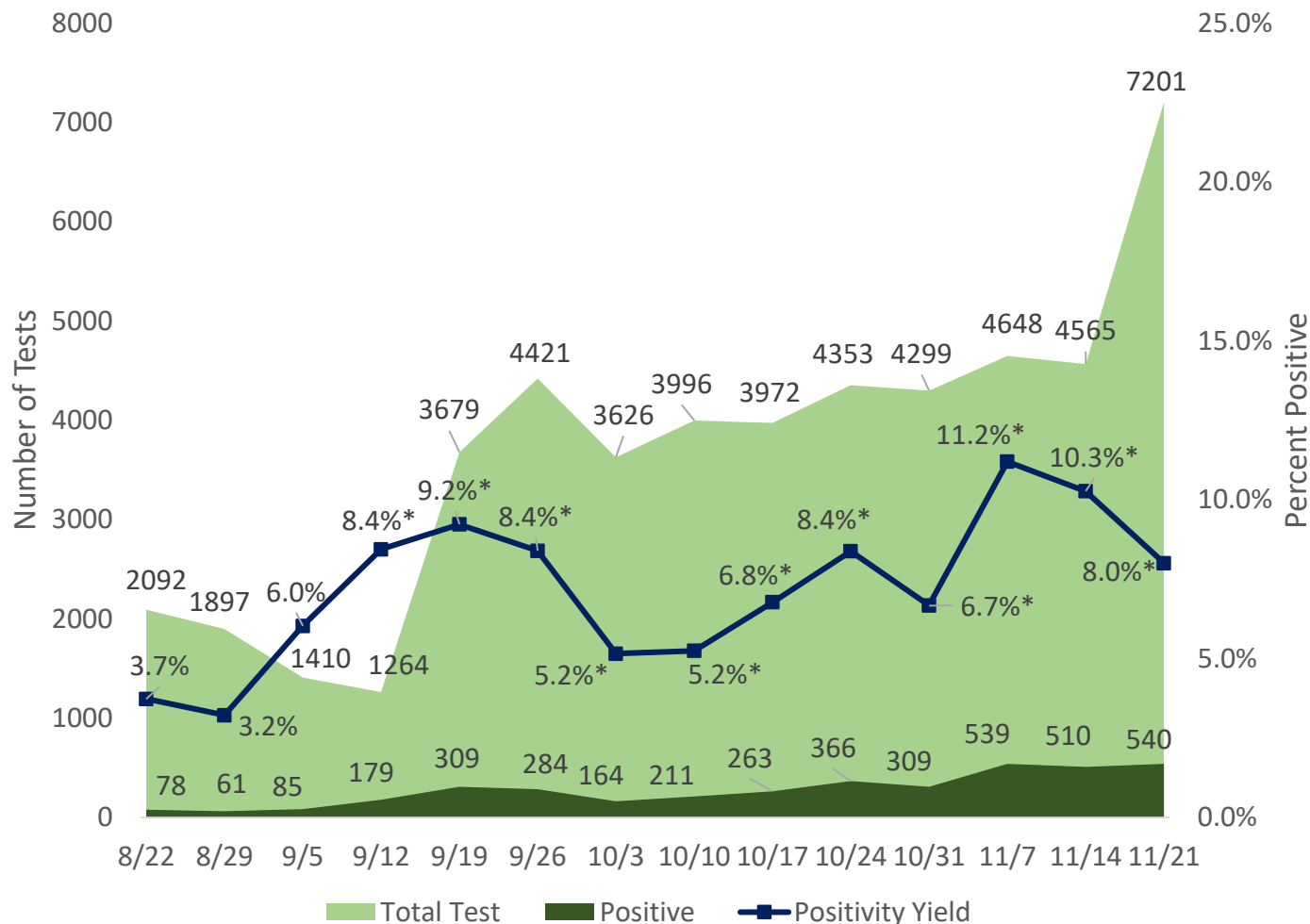


### Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 20% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

# COVID-19 Situation Summary\*

## COVID-19 TESTING BY WEEK:



\*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Specimen Collection:** Coconino County response team sites have collected a total of **68,537** specimens.

Fort Tuthill: 32,306	CCHHS: 1,308	CCC: 212	NAU: 32,828
Fredonia: 41	Grand Canyon: 209	Williams: 557	Other: 1,076

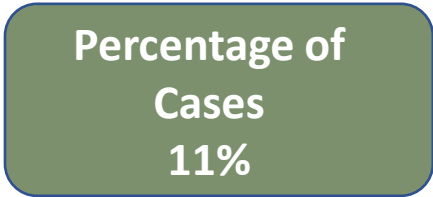
**Investigations:** The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 3,614**

**Monitoring:** The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 73 (As of 11/21/2020)**
- **Total individuals monitored to date: 3,395**

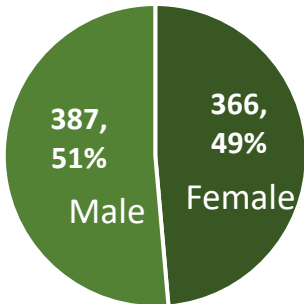
## Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

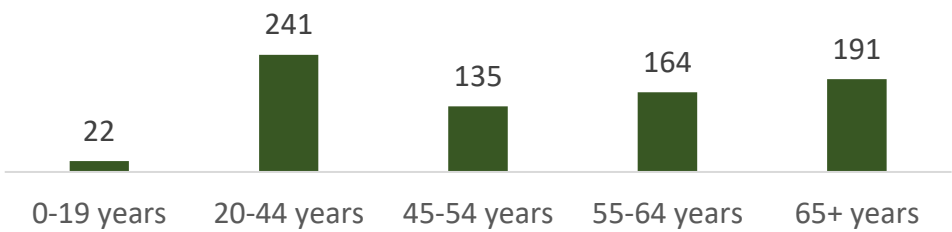


19% of hospitalized residents were in the ICU and 9% were intubated.

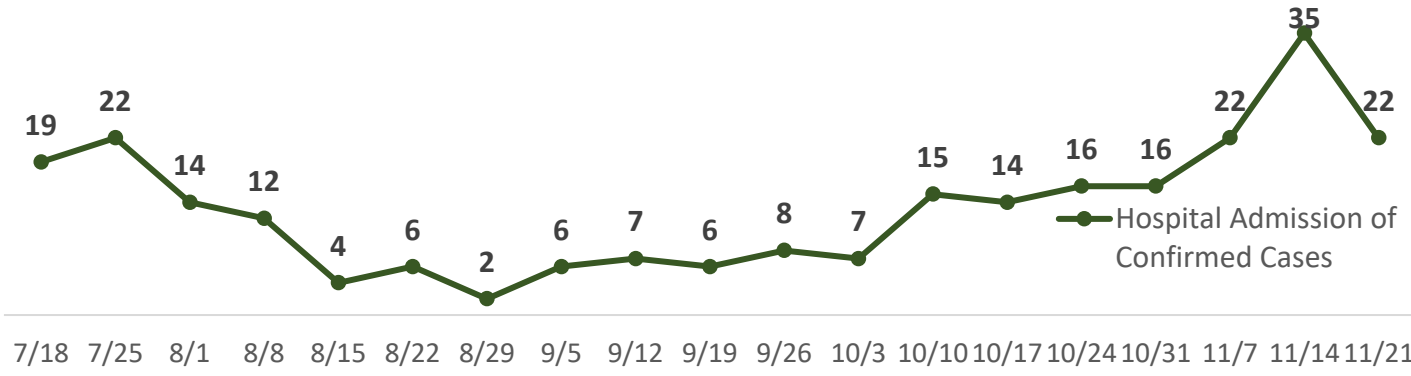
### Sex



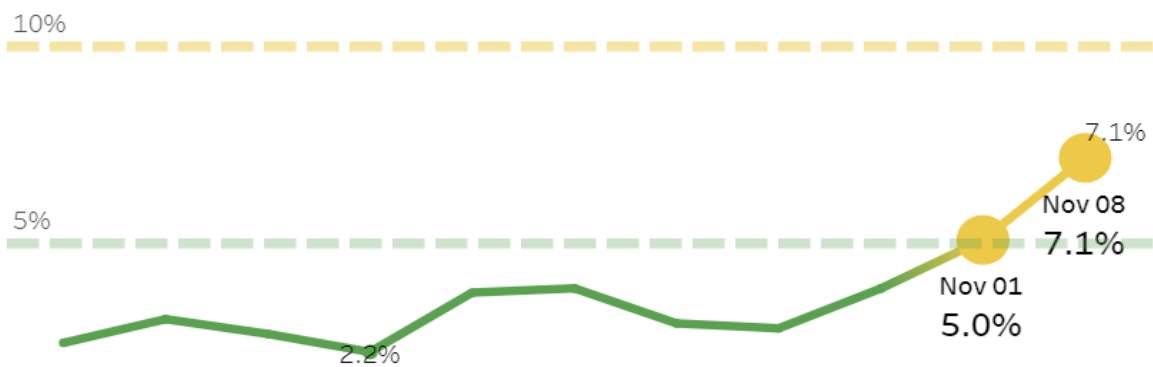
### Hospitalized Coconino COVID-19 Patients by Age



### Weekly Case Counts Among Coconino County Residents:



### Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:



\*Cases reported from 3/15/20-11/21/20

CLI Graph provided by [Arizona Department of Health Services](#)



# COVID-19 Situation Summary\*

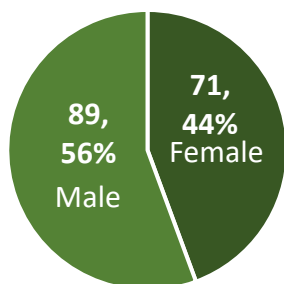
## COVID-19 Related Deaths:

Percentage of  
Cases  
2%

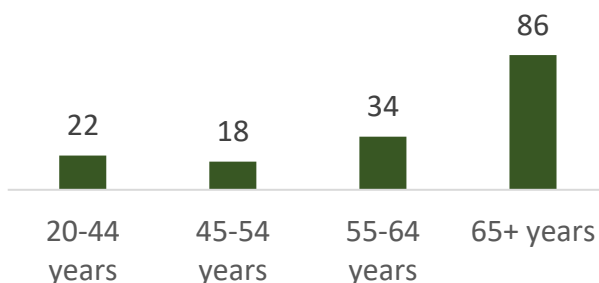
Deaths  
160

Fatalities  
Per 100,000  
111.52

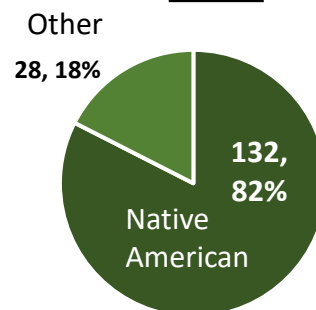
### Sex



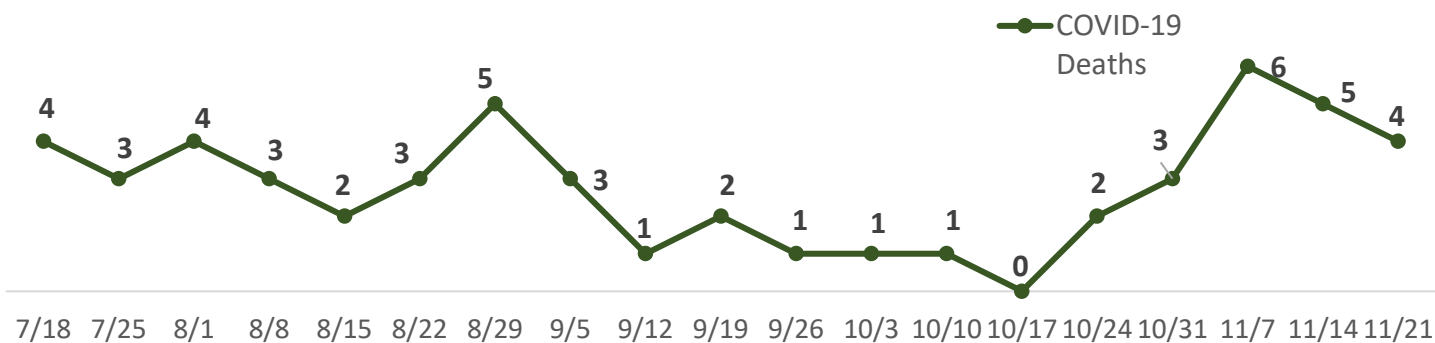
### Coconino COVID-19 Deaths by Age



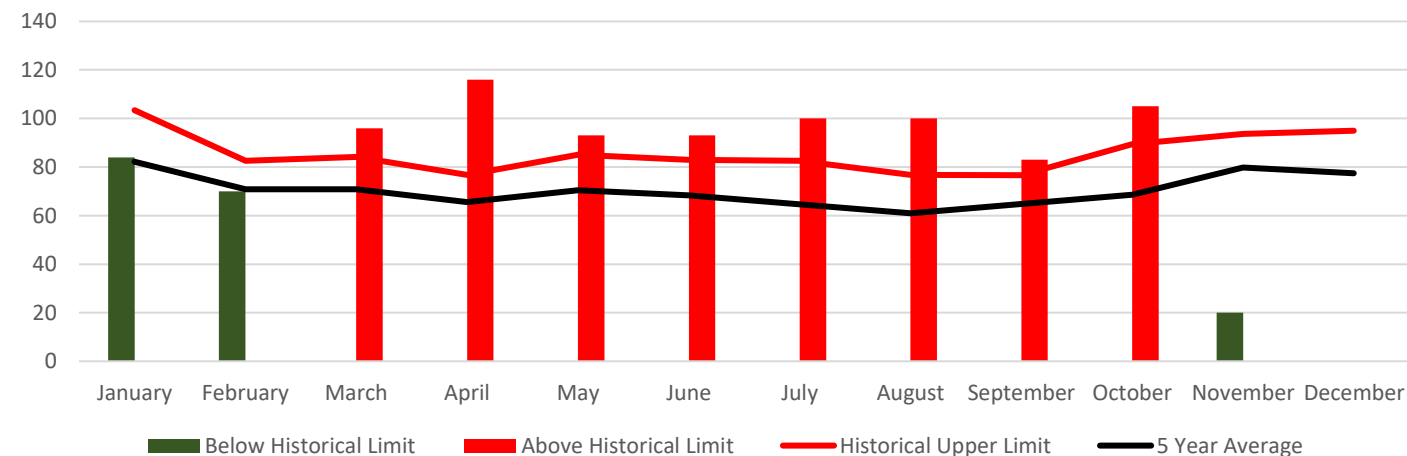
### Race



## Weekly COVID-19 Deaths Among Coconino County Residents:



### 2020 All Deaths Aberration



\*Cases reported from 3/15/20-11/21/20